

# THE VISITOR

Devoted to the Interests of Agricultural Education in Minnesota Schools.

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## INDEX FOR THE 1933 UNITED STATES DEPARTMENT OF AGRICULTURE YEARBOOK

By V. E. Nylin

The following index for the 1933 United States Department of Agriculture Yearbook continues the same plan of organization that was used for the 1926, 1927, 1928, 1930, 1931, and 1932 yearbooks. Indexes of these have appeared in previous issues of The Visitor: February, 1928; September, 1928; September, 1929; September, 1930; September, 1931; November, 1932. The index for the yearbooks from 1901-1925 can be found in the December, 1926, issue of The Visitor.

The index for the 1933 yearbook furnishes a supplement to the above and the eight indexes should be kept together to form a complete and convenient guide to a fuller use of the U. S. D. A. yearbooks covering a period of thirty-three years.

V. E. Nylin

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**FUTURE FARMERS OF AMERICA**

The 1934 annual convention and leadership conference of the Minnesota Association of Future Farmers of America was held at University Farm June 5, 6, and 7. The following officers for 1935 were elected:

President—Clyde Gleason, Austin.  
 Vice President — Robert Putzke, Barnum  
 Secretary—Arne Carlson, Cotton  
 Treasurer—Millard Olson, Thomson Township

Reporter—Leonard Sullivan, Long Prairie

State Adviser—Paul Calrow, State Department of Education

Executive Committee member—Albert Christianson, Luverne

In recognition of outstanding achievement in agriculture and in F. F. A. work, the following members were awarded the State Farmer degree:

Robert Hoyt, Bemidji  
Albin Johnson, West Duluth  
Leonard Sullivan, Long Prairie

Edmund Canfield, Long Prairie  
Albert Christensen, Luverne  
Arne Carlson, Melrude  
Donald Himmer, Grand Meadow  
Robert Putzke, Barnum  
Kenneth Quist, Cannon Falls  
Ashle Skaar, Hayward  
Emerth Nynas, Thomson Twp.  
Eldred Burtness, Cook  
Harold Lawrence, agriculture instructor, Thompson Township  
The degrees given Robert Hoyt, Emerth Nynas, and Harold Lawrence were honorary.

### SUMMER ACTIVITIES OF THE TEACHERS

The following suggestions for summer activities of teachers were prepared by state supervisors and teacher trainers at the sectional conferences for the North Central Region.

1. Supervise farm practice of students by:
  - a. Giving the individual encouragement by pointing out the good things he is doing.
  - b. Helping him with unforeseen problems.
  - c. Checking the farm practice to see whether the instruction and plans of the individual are being carried out.
  - d. Helping him to evaluate what he is doing.
  - e. Assisting him in getting information to meet new situations.
  - f. Making a detailed study of the project and needs for improvement.
  - g. Checking standard and improved practices that are being carried out.
2. Discuss with the parents the work of the boy.
3. Discuss with the parents their farm problems.
4. Make a study of boys' farm shop projects for the ensuing year.
5. Visit prospective students and encourage them to enroll in vocational agriculture classes.
6. Promote community fairs.
7. Make farm and enterprise surveys.
8. Prepare teaching material such as charts, maps, etc.
9. Get all school equipment in shape for the ensuing year.
10. Revise courses of study and teaching plans.
11. Follow up all former students.
12. Make a study to determine the number and location of part-time boys in the community.

### BLACK ACID PROOF FINISH FOR LABORATORY TABLE TOPS

The quantities mentioned are sufficient for about 8 to 10 square yards.

#### SOLUTION A

125 grams copper sulfate  $\text{CuSO}_4$   
180 grams potassium chlorate— $\text{KClO}_3$   
1000 cc. water— $\text{H}_2\text{O}$   
Boil until completely dissolved

#### SOLUTION B

120 grams aniline oil  $\text{C}_6\text{H}_5\text{NH}_2$   
180 grams hydrochloric acid  $\text{HCl}$   
1000 cc. water  $\text{H}_2\text{O}$   
Stir until dissolved

The surface to be treated must be free from grease, oil, varnish or paint of any kind. Apply 2 coats of solution A and B alternately letting dry between coats.

(The uneven green color that appears will disappear in the next process.) Now make a strong hot suds of Gold Dust or similar washing powder. Ammonia water may be used. Wash the table top with this, wiping off the surplus. This whole process may be repeated several times if top is not sufficiently black.

After the top is thoroughly dry, sand-paper lightly to smooth grain, oil with hot linseed oil one part and turpentine four parts. Do not allow to dry more than fifteen or twenty minutes, then polish with a cloth. Repeat this several days in succession and occasionally (twice a year) thereafter to restore and protect the surface.—Vo-Ag Pilot, Vol. 13, No. 1.